
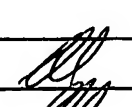


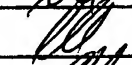
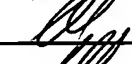





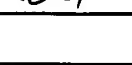
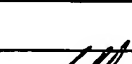
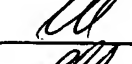




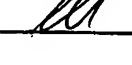
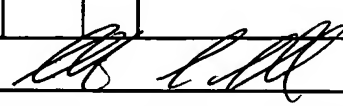
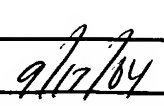
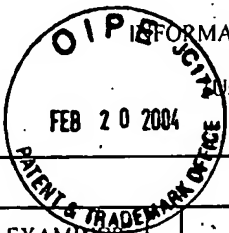


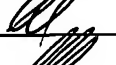

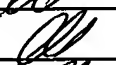

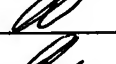

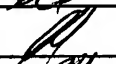


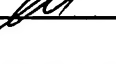



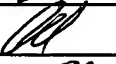


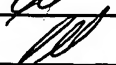


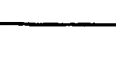
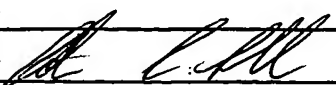
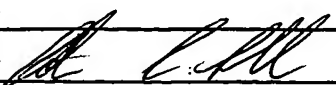
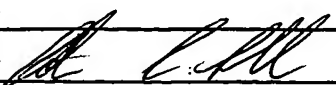


Form PTO-1449		U.S. Department of Commerce Patent and Trademark Office				Atty. Docket No. P23702		Serial No. 10/646,772				
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use several sheets if necessary)						Applicant Hiroshi NOMURA						
						Filing Date August 25, 2003		Group 2872				
U.S. PATENT DOCUMENTS												
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<small>*EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.</small>												

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EXAMINER INITIAL		DOCUMENT NUMBER				DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE		
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OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)												
		1	English Language Abstract of JP 58-10708.									
		2	English Language Abstract of JP 2003-207709.									
		3	English Language Abstract of JP 2002-277719.									
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				Filing Date August 25, 2003		Group 2872				
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